

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E30825

**Participation :** CTR

**Employer :** Kaiser Aluminum Washington LLC

**Status :** Affected

**Worksite :** Kaiser Aluminum Washington LLC

**Survey Type :** Paper

**Street :** 15000 E Euclid Ave

**Response Rate :** 65%

**Jurisdiction :** City of Spokane Valley

**Survey Date :** 6/25/2019

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 14.2%

**Drive Alone Rate :** 85.8%

**One-Way VMT per employee :** 17.1

**Average One-Way distance home to work :** 20.8

### Employees and Survey Response Information

**Reported Total Employees at Worksite :** 798

**Surveys Distributed :** 798

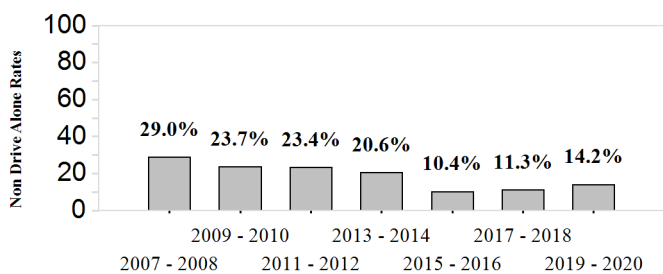
**Surveys Returned :** 520

**Surveys Returned by CTR Affected\* Employees :** 467

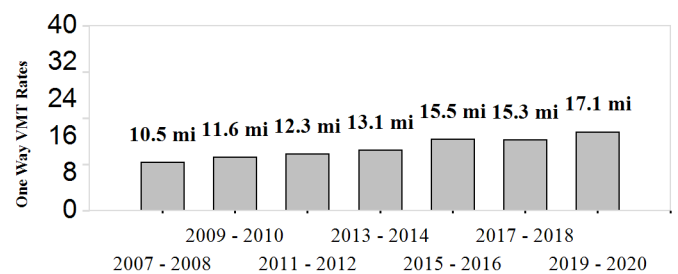
**Total Estimated CTR Affected Employees at Worksite :** 717

\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

### Annual Metric Tons CO<sub>2</sub>e Pounds CO<sub>2</sub>e

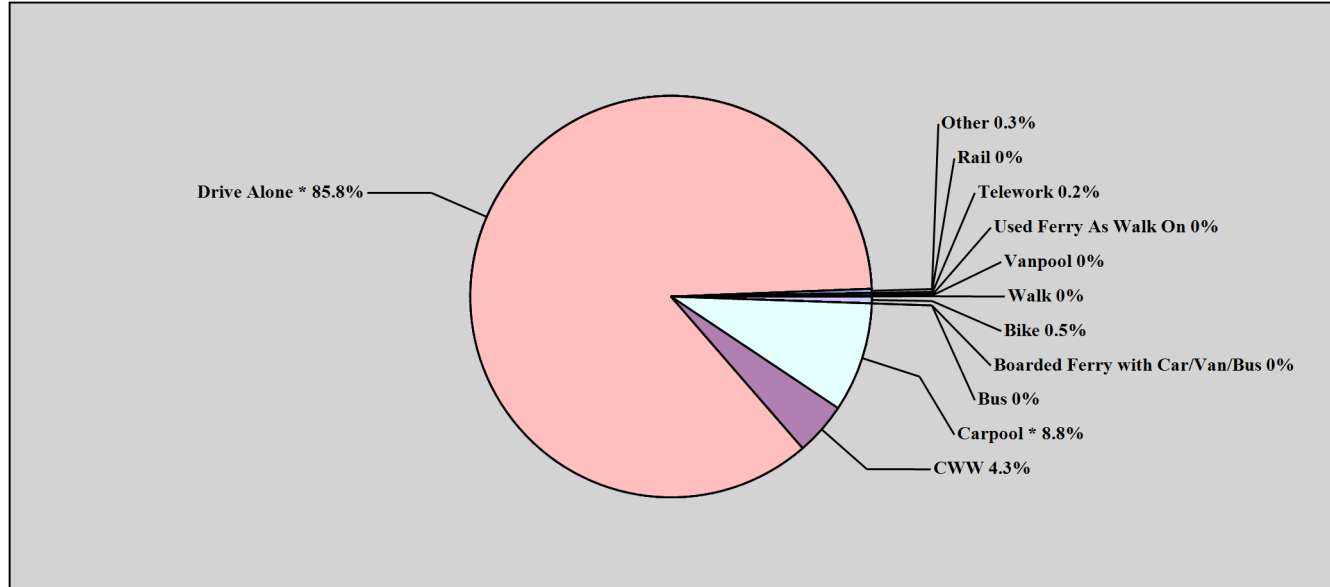
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	29.0%	26.3%	1383	1596	17.6	10.5	10.9
2009 - 2010	23.7%	22.1%	1392	1724	19.1	11.6	11.7
2011 - 2012	23.4%	20.9%	1524	2021	22.3	12.3	12.4
2013 - 2014	20.6%	19.8%	1961	1961	21.7	13.1	13.3
2015 - 2016	10.4%	10.3%	1950	2569	28.4	15.5	15.7
2017 - 2018	11.3%	11.1%	1870	2598	28.7	15.3	15.3
2019 - 2020	14.2%	14.4%	1828	2806	31.0	17.1	17.2
Target	35.0%				Target:	9.1	
% Point Change Target:	6.0				% Change Target:	13.0%	
% Point Change from Baseline:	-14.8				% Change from Baseline:	62.9%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



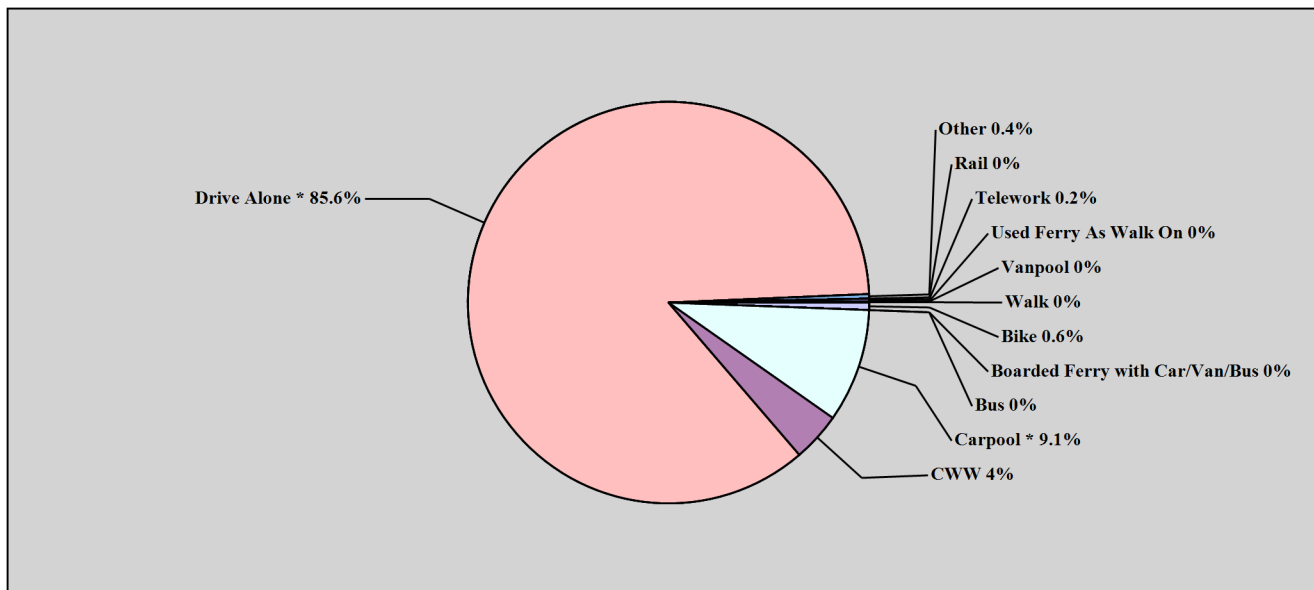
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,058	85.8%	88.7%	457	87.9%	88.1%
Carpool *	212	8.8%	8.7%	58	11.2%	10.0%
Vanpool	1	0.0%	0.1%	1	0.2%	0.3%
Bus	0	0.0%	0.2%	0	0.0%	0.3%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	13	0.5%	0.1%	4	0.8%	0.5%
Walk	1	0.0%	0.0%	1	0.2%	0.0%
Telework	5	0.2%	0.3%	4	0.8%	0.7%
CWW	102	4.3%	1.4%	34	6.5%	2.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.3%	0	0.0%	0.2%
Other	8	0.3%	0.2%	2	0.4%	0.2%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,881	85.6%	88.9%	413	88.4%	88.8%
Carpool *	201	9.1%	8.9%	55	11.8%	10.3%
Vanpool	1	0.0%	0.2%	1	0.2%	0.4%
Bus	0	0.0%	0.1%	0	0.0%	0.2%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	13	0.6%	0.1%	4	0.9%	0.6%
Walk	1	0.0%	0.0%	1	0.2%	0.0%
Telework	5	0.2%	0.2%	4	0.9%	0.6%
CWW	87	4.0%	1.5%	29	6.2%	2.1%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	8	0.4%	0.2%	2	0.4%	0.2%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	420	81%	520	100%
<b>1 Days</b>	11	2%	100	19%
<b>2 Days</b>	9	2%	89	17%
<b>3 Days</b>	40	8%	80	15%
<b>4 Days</b>	22	4%	40	8%
<b>5 Days</b>	12	2%	18	3%
<b>6 or More Days</b>	6	1%	6	1%

**Count by Occupancy of Carpools and Vanpools**

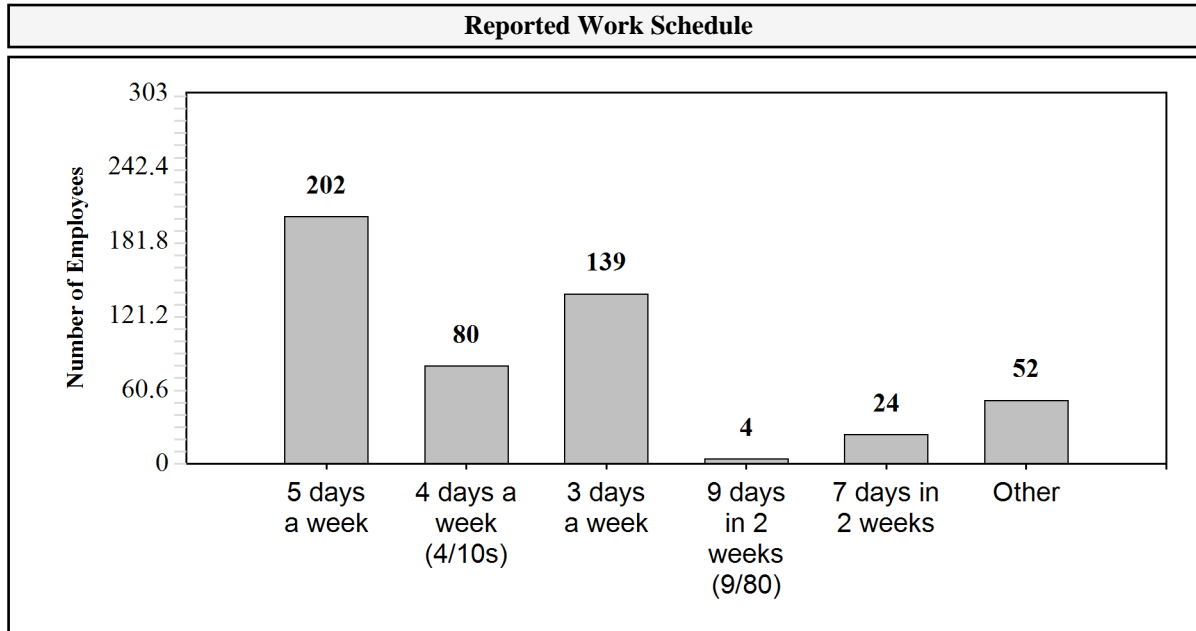
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	188
<b>3</b>	Carpool	20
<b>4</b>	Carpool	2
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	2
<b>&lt;5</b>	Vanpool	1
<b>5</b>	Vanpool	0
<b>6</b>	Vanpool	0
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

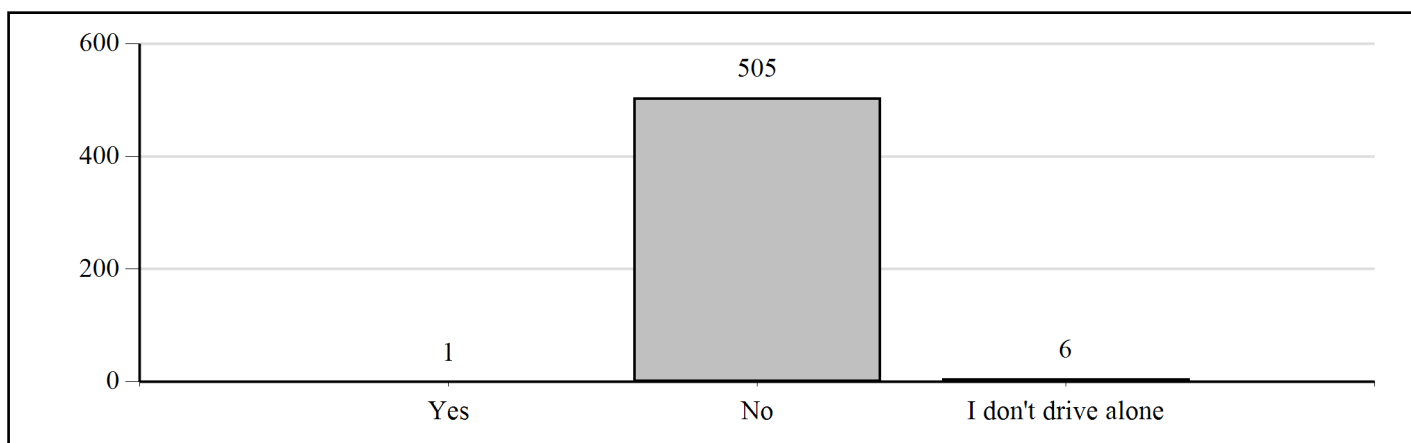
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	202	40.3%
4 days a week (4/10s)	80	16%
3 days a week	139	27.7%
9 days in 2 weeks (9/80)	4	0.8%
7 days in 2 weeks	24	4.8%
Other	52	10.4%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	9	1.7%
I don't telework	483	92.9%
Occasionally, on an as-needed basis	20	3.8%
1-2 days/month	4	0.8%
1 day/week	2	0.4%
2 days/week	1	0.2%
3 days/week	1	0.2%

**Reasons for driving alone to work/not driving alone to work**
**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	116	23.4%
Other	96	19.4%
Financial incentives for carpooling, bicycling or walking.	58	11.7%
Personal health or well-being	55	11.1%
Environmental and community benefits	53	10.7%
Driving myself is not an option	37	7.5%
Preferred/reserved carpool/vanpool parking is provided	27	5.4%
I have the option of teleworking	13	2.6%
Emergency ride home is provided	13	2.6%
Cost of parking or lack of parking	10	2.0%
Free or subsidized bus, train, vanpool pass or fare benefit	6	1.2%
To save time using the HOV lane	6	1.2%
I receive a financial incentive for giving up my parking space	6	1.2%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	336	33.0%
Riding the bus or train is inconvenient or takes too long	188	18.5%
My commute distance is too short	117	11.5%
Bicycling or walking isn't safe	109	10.7%
Family care or similar obligations	101	9.9%
Other	96	9.4%
I need more information on alternative modes	38	3.7%
My job requires me to use my car for work	26	2.6%
There isn't any secure or covered bicycle parking	6	0.6%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
99206	46	8.85%	182	0	0	11	0	0	5	0	0	3	0	0	1
99216	41	7.88%	176	11	0	7	0	0	2	0	0	4	0	0	7
83854	34	6.54%	142	0	0	4	0	0	0	0	0	12	0	0	0
99016	27	5.19%	97	6	0	4	0	0	1	0	0	6	0	0	0
99208	27	5.19%	118	0	0	14	0	0	0	0	0	10	0	0	0
99037	24	4.62%	98	0	0	5	0	0	5	0	0	3	0	0	0
99212	23	4.42%	95	4	0	2	0	0	0	0	0	7	0	0	0
99217	23	4.42%	86	6	0	2	0	0	0	0	0	6	0	0	0
99205	22	4.23%	87	9	0	9	0	0	0	0	1	0	0	0	0
83858	18	3.46%	60	20	0	4	0	0	0	0	0	1	0	0	0
99027	18	3.46%	84	0	0	0	0	0	0	0	1	4	0	0	0
83814	15	2.88%	56	11	0	0	0	0	0	0	0	4	0	0	0
99019	14	2.69%	46	15	0	2	0	0	0	0	3	0	0	0	0
83835	12	2.31%	41	6	0	0	0	0	0	0	0	1	0	0	0
99218	12	2.31%	43	3	0	9	0	0	0	0	0	0	0	0	0
99223	12	2.31%	57	0	0	0	0	0	0	0	0	3	0	0	0
83856	11	2.12%	11	27	0	0	0	0	0	0	0	3	0	0	0
83815	8	1.54%	29	4	0	3	0	0	0	0	0	3	0	0	0
83869	8	1.54%	29	9	0	0	0	0	0	0	0	0	0	0	0
99021	8	1.54%	36	2	0	1	0	0	0	0	0	0	0	0	0
99224	8	1.54%	28	4	1	0	0	0	0	0	0	0	0	0	0
99203	7	1.35%	17	4	0	7	0	0	0	0	0	3	0	0	0
99207	7	1.35%	33	3	0	0	0	0	0	0	0	0	0	0	0
99006	6	1.15%	13	7	0	0	0	0	0	0	0	4	0	0	0
99022	6	1.15%	25	4	0	0	0	0	0	0	0	0	0	0	0
99025	6	1.15%	28	0	0	3	0	0	0	0	0	0	0	0	0





Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
99202	6	1.15%	20	6	0	4	0	0	0	0	0	0	0	0	0
	5	0.96%	1	3	0	0	0	0	0	0	0	6	0	0	0
83801	5	0.96%	15	5	0	0	0	0	0	0	0	3	0	0	0
83850	4	0.77%	12	8	0	0	0	0	0	0	0	0	0	0	0
99001	4	0.77%	14	5	0	0	0	0	0	0	0	0	0	0	0
99003	3	0.58%	15	0	0	0	0	0	0	0	0	0	0	0	0
99201	3	0.58%	15	0	0	0	0	0	0	0	0	3	0	0	0
99215	3	0.58%	10	4	0	0	0	0	0	0	0	0	0	0	0
83822	2	0.38%	7	4	0	0	0	0	0	0	0	0	0	0	0
99005	2	0.38%	8	0	0	0	0	0	0	0	0	0	0	0	0
99008	2	0.38%	9	0	0	0	0	0	0	0	0	0	0	0	0
99009	2	0.38%	6	0	0	1	0	0	0	0	0	3	0	0	0
99026	2	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
99173	2	0.38%	0	4	0	0	0	0	0	0	0	3	0	0	0
99181	2	0.38%	9	0	0	0	0	0	0	0	0	0	0	0	0
0205	1	0.19%	0	0	0	0	0	0	0	0	0	0	0	0	0
59874	1	0.19%	0	4	0	0	0	0	0	0	0	0	0	0	0
71299	1	0.19%	4	0	0	0	0	0	0	0	0	0	0	0	0
8315	1	0.19%	3	0	0	0	0	0	0	0	0	0	0	0	0
8358	1	0.19%	3	0	0	0	0	0	0	0	0	0	0	0	0
83804	1	0.19%	0	0	0	0	0	0	0	0	0	4	0	0	0
83810	1	0.19%	3	0	0	0	0	0	0	0	0	0	0	0	0
83824	1	0.19%	4	0	0	0	0	0	0	0	0	0	0	0	0
83833	1	0.19%	0	0	0	0	0	0	0	0	0	3	0	0	0
83839	1	0.19%	0	4	0	0	0	0	0	0	0	0	0	0	0
83840	1	0.19%	3	0	0	0	0	0	0	0	0	0	0	0	0
83860	1	0.19%	3	0	0	0	0	0	0	0	0	0	0	0	0
86753	1	0.19%	1	0	0	0	0	0	0	1	0	0	0	0	0
99012	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
99023	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
99030	1	0.19%	7	0	0	0	0	0	0	0	0	0	0	0	0
99036	1	0.19%	3	0	0	0	0	0	0	0	0	0	0	0	0
99069	1	0.19%	0	0	0	7	0	0	0	0	0	0	0	0	0
99109	1	0.19%	7	0	0	0	0	0	0	0	0	0	0	0	0
99110	1	0.19%	7	0	0	0	0	0	0	0	0	0	0	0	0
99148	1	0.19%	0	5	0	0	0	0	0	0	0	0	0	0	0
99156	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
992	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
9920	1	0.19%	7	0	0	0	0	0	0	0	0	0	0	0	0
9921	1	0.19%	4	0	0	0	0	0	0	0	0	0	0	0	0
99210	1	0.19%	4	0	0	0	0	0	0	0	0	0	0	0	0
99226	1	0.19%	7	0	0	0	0	0	0	0	0	0	0	0	0
99231	1	0.19%	7	0	0	0	0	0	0	0	0	0	0	0	0
9926	1	0.19%	2	0	0	3	0	0	0	0	0	0	0	0	0
99912	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0